

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Christine L. Mummery

Examiner: Unassigned

Serial No.: Unassigned

Group Art Unit: Unassigned

Filed: Herewith

Docket: 17360

For: METHODS OF INDUCING
DIFFERENTIATION OF STEM CELLS

Dated: January 14, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. C. A. Eisenberg, et al., "Mixed Cultures of Avian Blastoderm Cells And the Quail Mesoderm Cell Line QCE-6 Provide Evidence for the Pluripotentiality of Early Mesoderm", *Developmental Biology*, 191; Pages 167-181 (1997), Article No. DB978718;
2. C. Mummery, et al., "Cardiomyocyte Differentiation of Mouse and Human Embryonic Stem Cells", *J. Anat.* 200, (2002), pages 233-242;

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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Dated: 1/14/04



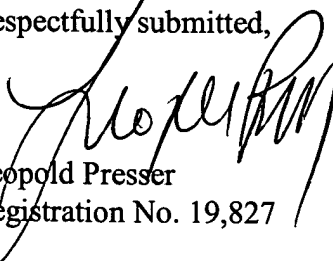
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3. Qi-Long Ying, et al., "Changing Potency by Spontaneous Fusion", *Nature*, Vol. 416, April 4, 2002; pages 545-548;
4. S. L. Karp, et al., "Epithelial Differentiation of Metanephric Mesenchymal Cells After Stimulation with Hepatocyte Growth Factor or Embryonic Spinal Cord", *Proc. Natl. Acad. Sci., USA*, vol. 91, Developmental Biology, June 1994; Pages 5286-5290;
5. Tsukasa Miyatake, et al., "Survival of Accommodated Cardiac Xenografts Upon Retransplantation Into Cyclosporine-Treated Recipients", *Transplantation*, Vol. 65, No. 12, June 27, 1998; Pages 1563-1569;
6. Van Meter, et al., "Methods" *The Journal of Thoracic and Cardiovascular Surgery*, Volume 110, Number 5, November 1995; Pages 1443-1448; and
7. PCT Application No. WO 02/14469 A2, published February 21, 2002.

Applicants are submitting copies of the above-cited references not published or issued in the U.S. and cited on the attached form PTO-1449.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



Leopold Presser
Registration No. 19,827

SCULLY, SCOTT, MURPHY & PRESSER
400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343

LP:jy

**LIST OF REFERENCES
CITED BY APPLICANT**

(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						

		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO 02/14469 A2	2/21/02	PCT			X	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	C. A. Eisenberg, et al., "Mixed Cultures of Avian Blastoderm Cells And the Quail Mesoderm Cell Line QCE-6 Provide Evidence for the Pluripotentiality of Early Mesoderm", <i>Developmental Biology</i> , 191; Pages 167-181 (1997), Article No. DB978718;
	C. Mummery, et al., "Cardiomyocyte Differentiation of Mouse and Human Embryonic Stem Cells", <i>J. Anat.</i> 200, (2002), pages 233-242;
	Qi-Long Ying, et al., "Changing Potency by Spontaneous Fusion", <i>Nature</i> , Vol. 416, April 4, 2002; pages 545-548;

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* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AF						
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	AH						
	AI						
	AJ						

		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

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		S. L. Karp, et al., "Epithelial Differentiation of Metanephric Mesenchymal Cells After Stimulation with Hepatocyte Growth Factor or Embryonic Spinal Cord", <i>Proc. Natl. Acad. Sci., USA</i> , vol. 91, Developmental Biology, June 1994; Pages 5286-5290;
		Tsukasa Miyatake, et al., "Survival of Accommodated Cardiac Xenografts Upon Retransplantation Into Cyclosporine-Treated Recipients", <i>Transplantation</i> , Vol. 65, No. 12, June 27, 1998; Pages 1563-1569; and
		Van Meter, et al., "Methods" <i>The Journal of Thoracic and Cardiovascular Surgery</i> , Volume 110, Number 5, November 1995; Pages 1443-1448.

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